

Let's get started with

# Easi-Detectors

Bolton  
Schools ICT



Investigate the world in a new way with these handheld metal detectors that sound when they come into close range of metal objects. Robust, colourful and easy to use, they charge quickly on their own charging plate, so are always ready for action without needing to change any batteries. They are lightweight and comfortable to use for even the smallest of hands. Slide the switch to "on" and your children are ready to explore with these great little devices.



Great for:

- Exploring and investigating
- Embedding ICT in play and exploration
- Science experiments
- Developing critical thinking skills
- Identifying properties of materials



# 1 **PIECES OF 8** Can you find Captain Jack's hidden pirate treasure?

Use the sand tray together with the dress up area to bring the topic of Pirates to life in the classroom. Ask the children to dress up as a pirate and use the metal detectors to find pieces of Jack's treasure buried in the sand tray. You can bury all sorts of red herrings in the sand tray made out of other materials too. Talk with the children about the differences between the real pieces of treasure and the red herrings.

# 2 **TREASURE HUNT** Can you follow the hidden treasure trail?

Set up a starting point and hide the first clue attached to a piece of tin foil (that can be detected using the metal detector). Each clue could be a picture, maths or word based clue to point children to the next location until they reach the end. A great problem solving activity that will prompt the children to discuss their ideas and use their logical thinking skills to complete the challenge.

# 3 **MATERIALS** Can you sort the materials?

This activity can be adapted to incorporate more or less sorting criteria. Using a pile of objects, ask the children pick out the metal objects using the metal detectors and sort into the correct group. By adding other sorting criteria this challenge can be made more difficult, e.g. metal and flexible, metal and shiny. You could link this activity to a topic about recycling and how our rubbish is sorted.

